

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 2/12/2003

Edited by: AN

Verified by: AN

(STIC staff)

Serial Number: 09/147,405B

ENTERED

#32/600

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: Seq. 15 - corrected amino acid numbering

RECEIVED

FEB 19 2003

TECH CENTER 1600/2900

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

32



1600

RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/09/147,405B

TIME: 18:36:20

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02112003\I147405B.raw

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 4 Nilsson, Martin
 5 Frykberg, Lars
 6 Flock, Jan-Ingmar
 7 Lindberg, Martin
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 10 Coagulase-Negative Staphylococcus
 12 <130> FILE REFERENCE: guss 09/147405
 14 <140> CURRENT APPLICATION NUMBER: 09/147405B
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 17 <150> PRIOR APPLICATION NUMBER: PCT/SE97/10191
 18 <151> PRIOR FILING DATE: 1997-06-18
 20 <150> PRIOR APPLICATION NUMBER: SE 9602496-3
 21 <151> PRIOR FILING DATE: 1996-06-20
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 30 <213> ORGANISM: Artificial Sequence
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 59 <223> OTHER INFORMATION: n is c or t
 61 <220> FEATURE:
 62 <221> NAME/KEY: variation
 63 <222> LOCATION: (6) /

RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/09/147,405B

TIME: 18:36:20

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02112003\I147405B.raw

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RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/09/147,405B

TIME: 18:36:20

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Output Set: N:\CRF4\02112003\I147405B.raw

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173 His His His His His His Pro Ser Ser Asp Glu Glu Lys Asn Asp
174 1 5 10 15
176 gtg atc aat aat aat cag tca ata aac acc gac gat aat aac caa ata 95
177 Val Ile Asn Asn Asn Gln Ser Ile Asn Thr Asp Asp Asn Asn Gln Ile
178 20 25 30
180 att aaa aaa gaa gaa acg aat aac tac gat ggc ata gaa aaa cgc tca 143
181 Ile Lys Lys Glu Glu Thr Asn Asn Tyr Asp Gly Ile Glu Lys Arg Ser
182 35 40 45
184 gaa gat aga aca gag tca aca aca aat gta gat gaa aac gaa gca aca 191
185 Glu Asp Arg Thr Glu Ser Thr Thr Asn Val Asp Glu Asn Glu Ala Thr
186 50 55 60
188 ttt tta caa aag acc cct caa gat aat act cat ctt aca gaa gaa gag 239
189 Phe Leu Gln Lys Thr Pro Gln Asp Asn Thr His Leu Thr Glu Glu Glu
190 65 70 75
192 gta aaa gaa tcc tca tca gtc gaa tcc tca aat tca tca att gat act 287
193 Val Lys Glu Ser Ser Ser Val Glu Ser Ser Asn Ser Ser Ile Asp Thr
194 80 85 90 95
196 gcc caa caa cca tct cac aca aca ata aat aga gaa gaa tct gtt caa 335
197 Ala Gln Gln Pro Ser His Thr Thr Ile Asn Arg Glu Glu Ser Val Gln
198 100 105 110
200 aca agt gat aat gta gaa gat tca cac gta tca gat ttt gct aac tct 383
201 Thr Ser Asp Asn Val Glu Asp Ser His Val Ser Asp Phe Ala Asn Ser

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RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/09/147,405B

TIME: 18:36:20

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02112003\I147405B.raw

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205	Lys	Ile	Lys	Glu	Ser	Asn	Thr	Glu Ser Gly Lys Glu Glu Asn Thr Ile
206			130			135		140
208	gag	caa	cct	aat	aaa	gta	aaa	gaa gat tca aca aca agt cag ccg tct 479
209	Glu	Gln	Pro	Asn	Lys	Val	Lys	Glu Asp Ser Thr Thr Ser Gln Pro Ser
210			145			150		155
212	ggc	tat	aca	aat	ata	gat	gaa	aaa att tca aat caa gat gag tta tta 527
213	Gly	Tyr	Thr	Asn	Ile	Asp	Glu	Lys Ile Ser Asn Gln Asp Glu Leu Leu
214	160					165		170 175
216	aat	tta	cca	ata	aat	gaa	tat	gaa aat aag gct aga cca tta tct aca 575
217	Asn	Leu	Pro	Ile	Asn	Glu	Tyr	Glu Asn Lys Ala Arg Pro Leu Ser Thr
218						180		185 190
220	aca	tct	gcc	caa	cca	tcg	att	aaa cgt gta acc gta aat caa tta gcg 623
221	Thr	Ser	Ala	Gln	Pro	Ser	Ile	Lys Arg Val Thr Val Asn Gln Leu Ala
222						195		200 205
224	gcg	gaa	caa	ggt	tcg	aat	ggt	aac cat tta att aaa gtt act gat caa 671
225	Ala	Glu	Gln	Gly	Ser	Asn	Val	Asn His Leu Ile Lys Val Thr Asp Gln
226						210		215 220
228	agt	att	act	gaa	gga	tat	gat	gat agt gaa ggt gtt att aaa gca cat 719
229	Ser	Ile	Thr	Glu	Gly	Tyr	Asp	Asp Ser Glu Gly Val Ile Lys Ala His
230						225		230 235
232	gat	gct	gaa	aac	tta	atc	tat	gat gta act ttt gaa gta gat gat aag 767
233	Asp	Ala	Glu	Asn	Leu	Ile	Tyr	Asp Val Thr Phe Glu Val Asp Asp Lys
234	240					245		250 255
236	gtg	aaa	tct	ggt	gat	acg	atg	aca gtg gat ata gat aag aat aca gtt 815
237	Val	Lys	Ser	Gly	Asp	Thr	Met	Thr Val Asp Ile Asp Lys Asn Thr Val
238						260		265 270
240	cca	tca	gat	tta	acc	gat	agc	ttt aca ata cca aaa ata aaa gat aat 863
241	Pro	Ser	Asp	Leu	Thr	Asp	Ser	Phe Thr Ile Pro Lys Ile Lys Asp Asn
242						275		280 285
244	tct	gga	gaa	atc	atc	gct	aca	ggt act tat gat aac aaa aat aaa caa 911
245	Ser	Gly	Glu	Ile	Ile	Ala	Thr	Gly Thr Tyr Asp Asn Lys Asn Lys Gln
246						290		295 300
248	atc	acc	tat	act	ttt	aca	gat	tat gta gat aag tat gaa aat att aaa 959
249	Ile	Thr	Tyr	Thr	Phe	Thr	Asp	Tyr Val Asp Lys Tyr Glu Asn Ile Lys
250						305		310 315
252	gca	cac	ctt	aaa	tta	acg	tca	tac att gat aaa tca aag gtt cca aat 1007
253	Ala	His	Leu	Lys	Leu	Thr	Ser	Tyr Ile Asp Lys Ser Lys Val Pro Asn
254	320					325		330 335
256	aat	aat	acc	aag	tta	gat	gta	gaa tat aaa acg gcc ctt tca tca gta 1055
257	Asn	Asn	Thr	Lys	Leu	Asp	Val	Glu Tyr Lys Thr Ala Leu Ser Ser Val
258						340		345 350
260	aat	aaa	aca	att	acg	ggt	gaa	tat caa aga cct aac gaa aat cgg act 1103
261	Asn	Lys	Thr	Ile	Thr	Val	Glu	Tyr Gln Arg Pro Asn Glu Asn Arg Thr
262						355		360 365
264	gct	aac	ctt	caa	agt	atg	ttt	aca aat ata gat acg aaa aat cat aca 1151
265	Ala	Asn	Leu	Gln	Ser	Met	Phe	Thr Asn Ile Asp Thr Lys Asn His Thr
266						370		375 380

RAW SEQUENCE LISTING

DATE: 02/12/2003

PATENT APPLICATION: US/09/147,405B

TIME: 18:36:20

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\02112003\I147405B.raw

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268 gtt gag caa acg att tat att aac cct ctt cgt tat tca gcc aag gaa 1199
269 Val Glu Gln Thr Ile Tyr Ile Asn Pro Leu Arg Tyr Ser Ala Lys Glu
270      385      390      395
272 aca aat gta aat att tca ggg aat ggt gat gaa ggt tca aca att ata 1247
273 Thr Asn Val Asn Ile Ser Gly Asn Gly Asp Glu Gly Ser Thr Ile Ile
274 400      405      410      415
276 gac gat agc aca ata att aaa gtt tat aag gtt gga gat aat caa aat 1295
277 Asp Asp Ser Thr Ile Lys Val Tyr Lys Val Gly Asp Asn Gln Asn
278      420      425      430
280 tta cca gat agt aac aga att tat gat tac agt gaa tat gaa gat gtc 1343
281 Leu Pro Asp Ser Asn Arg Ile Tyr Asp Tyr Ser Glu Tyr Glu Asp Val
282      435      440      445
284 aca aat gat gat tat gcc caa tta gga aat aat aat gat gtg aat att 1391
285 Thr Asn Asp Asp Tyr Ala Gln Leu Gly Asn Asn Asn Asp Val Asn Ile
286      450      455      460
288 aat ttt ggt aat ata gat tca cca tat att att aaa gtt att agt aaa 1439
289 Asn Phe Gly Asn Ile Asp Ser Pro Tyr Ile Ile Lys Val Ile Ser Lys
290      465      470      475
292 tat gac cct aat aag gat gat tac acg act ata cag caa act gtg aca 1487
293 Tyr Asp Pro Asn Lys Asp Asp Tyr Thr Thr Ile Gln Gln Thr Val Thr
294 480      485      490      495
296 atg cag acg act ata aat gag tat act ggt gag ttt aga aca gca tcc 1535
297 Met Gln Thr Thr Ile Asn Glu Tyr Thr Gly Glu Phe Arg Thr Ala Ser
298      500      505      510
300 tat gat aat aca att gct ttc tct aca agt tca ggt caa gga caa ggt 1583
301 Tyr Asp Asn Thr Ile Ala Phe Ser Thr Ser Ser Gly Gln Gly Gln Gly
302      515      520      525
304 gac ttg cct cct gaa aaa act tat aaa atc gga gat tac gta tgg gaa 1631
305 Asp Leu Pro Pro Glu Lys Thr Tyr Lys Ile Gly Asp Tyr Val Trp Glu
306      530      535      540
308 gat gta gat aaa gat ggt att caa aat aca aat gat aat gaa aaa ccg 1679
309 Asp Val Asp Lys Asp Gly Ile Gln Asn Thr Asn Asp Asn Glu Lys Pro
310      545      550      555
312 ctt agt aat gta ttg gta act ttg acg tat cct gat gga act tca aaa 1727
313 Leu Ser Asn Val Leu Val Thr Leu Thr Tyr Pro Asp Gly Thr Ser Lys
314 560      565      570      575
316 tca gtc aga aca gat gaa gat ggg aaa tat caa ttt gat ggg gtg cag 1775
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325 <211> LENGTH: 593
326 <212> TYPE: PRT
327 <213> ORGANISM: Staphylococcus epidermidis
329 <400> SEQUENCE: 11
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/147,405B

DATE: 02/12/2003
 TIME: 18:36:21

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF4\02112003\I147405B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 3, 6, 9, 12, 15, 18

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23
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1600

RAW SEQUENCE LISTING

DATE: 02/10/2003

PATENT APPLICATION: US/09/147,405B

TIME: 13:15:33

Input Set : A:\Guss405.app

Output Set: N:\CRF4\02102003\I147405B.raw

3 <110> APPLICANT: Guss, Bengt
 4 Nilsson, Martin
 5 Frykberg, Lars
 6 Flock, Jan-Ingmar
 7 Lindberg, Martin
 9 <120> TITLE OF INVENTION: Fibrinogen Binding Protein Originating from
 10 Coagulase-Negative Staphylococcus
 12 <130> FILE REFERENCE: guss 09/147405
 14 <140> CURRENT APPLICATION NUMBER: 09/147405B
 C--> 15 <141> CURRENT FILING DATE: 1999-04-11
 17 <150> PRIOR APPLICATION NUMBER: PCT/SE97/10191
 18 <151> PRIOR FILING DATE: 1997-06-18
 20 <150> PRIOR APPLICATION NUMBER: SE 9602496-3
 21 <151> PRIOR FILING DATE: 1996-06-20
 23 <160> NUMBER OF SEQ ID NOS: 15
 25 <170> SOFTWARE: PatentIn Ver. 2.0

**Does Not Comply
 Corrected Diskette Needed**

ERRORED SEQUENCES

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 928 <211> LENGTH: 1092
 929 <212> TYPE: PRT
 930 <213> ORGANISM: Staphylococcus epidermidis
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 936 Asn Lys Ser Asn Lys Tyr Ala Ile Arg Lys Phe Thr Val Gly Thr Ala
 937 20 25 30
 939 Ser Ile Val Ile Gly Ala Thr Leu Leu Phe Gly Leu Gly His Asn Glu
 940 35 40 45
 942 Ala Lys Ala Glu Glu Asn Ser Val Gln Asp Val Lys Asp Ser Asn Thr
 943 50 55 60
 945 Asp Asp Glu Leu Ser Asp Ser Asn Asp Gln Ser Ser Asp Glu Glu Lys
 946 65 70 75 80
 948 Asn Asp Val Ile Asn Asn Asn Gln Ser Ile Asn Thr Asp Asp Asn Asn
 949 85 90 95
 951 Gln Ile Ile Lys Lys Glu Glu Thr Asn Asn Tyr Asp Gly Ile Glu Lys
 952 100 105 110
 954 Arg Ser Glu Asp Arg Thr Glu Ser Thr Thr Asn Val Asp Glu Asn Glu
 955 115 120 125
 957 Ala Thr Phe Leu Gln Lys Thr Pro Gln Asp Asn Thr His Leu Thr Glu
 958 130 135 140

RAW SEQUENCE LISTING

DATE: 02/10/2003

PATENT APPLICATION: US/09/147,405B

TIME: 13:15:33

Input Set : A:\Guss405.app

Output Set: N:\CRF4\02102003\I147405B.raw

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963 Asp Thr Ala Gln Gln Pro Ser His Thr Thr Ile Asn Arg Glu Glu Ser
964                      165                      170                      175
966 Val Gln Thr Ser Asp Asn Val Glu Asp Ser His Val Ser Asp Phe Ala
967                      180                      185                      190
969 Asn Ser Lys Ile Lys Glu Ser Asn Thr Glu Ser Gly Lys Glu Glu Asn
970                      195                      200                      205
972 Thr Ile Glu Gln Pro Asn Lys Val Lys Glu Asp Ser Thr Thr Ser Gln
973                      210                      215                      220
975 Pro Ser Gly Tyr Thr Asn Ile Asp Glu Lys Ile Ser Asn Gln Asp Glu
976 225                      230                      235                      240
978 Leu Leu Asn Leu Pro Ile Asn Glu Tyr Glu Asn Lys Ala Arg Pro Leu
979                      245                      250                      255
981 Ser Thr Thr Ser Ala Gln Pro Ser Ile Lys Arg Val Thr Val Asn Gln
982                      260                      265                      270
984 Leu Ala Ala Glu Gln Gly Ser Asn Val Asn His Leu Ile Lys Val Thr
985                      275                      280                      285
987 Asp Gln Ser Ile Thr Glu Gly Tyr Asp Asp Ser Glu Gly Val Ile Lys
988                      290                      295                      300
990 Ala His Asp Ala Glu Asn Leu Ile Tyr Asp Val Thr Phe Glu Val Asp
991 305                      310                      315                      320
993 Asp Lys Val Lys Ser Gly Asp Thr Met Thr Val Asp Ile Asp Lys Asn
994                      325                      330                      335
996 Thr Val Pro Ser Asp Leu Thr Asp Ser Phe Thr Ile Pro Lys Ile Lys
997                      340                      345                      350
999 Asp Asn Ser Gly Glu Ile Ile Ala Thr Gly Thr Tyr Asp Asn Lys Asn
1000                      355                      360                      365
1002 Lys Gln Ile Thr Tyr Thr Phe Thr Asp Tyr Val Asp Lys Tyr Glu Asn
1003                      370                      375                      380
1005 Ile Lys Ala His Leu Lys Leu Thr Ser Tyr Ile Asp Lys Ser Lys Val
1006 385                      390                      395                      400
1008 Pro Asn Asn Asn Thr Lys Leu Asp Val Glu Tyr Lys Thr Ala Leu Ser
1009                      405                      410                      415
1011 Ser Val Asn Lys Thr Ile Thr Val Glu Tyr Gln Arg Pro Asn Glu Asn
1012                      420                      425                      430
1014 Arg Thr Ala Asn Leu Gln Ser Met Phe Thr Asn Ile Asp Thr Lys Asn
1015                      435                      440                      445
1017 His Thr Val Glu Gln Thr Ile Tyr Ile Asn Pro Leu Arg Tyr Ser Ala
1018                      450                      455                      460
1020 Lys Glu Thr Asn Val Asn Ile Ser Gly Asn Gly Asp Glu Gly Ser Thr
1021 465                      470                      475                      480
1023 Ile Ile Asp Asp Ser Thr Ile Ile Lys Val Tyr Lys Val Gly Asp Asn
1024                      485                      490                      495
1026 Gln Asn Leu Pro Asp Ser Asn Arg Ile Tyr Asp Tyr Ser Glu Tyr Glu
1027                      500                      505                      510
1029 Asp Val Thr Asn Asp Asp Tyr Ala Gln Leu Gly Asn Asn Asn Asp Val
1030                      515                      520                      525
1032 Asn Ile Asn Phe Gly Asn Ile Asp Ser Pro Tyr Ile Ile Lys Val Ile

```

RAW SEQUENCE LISTING

DATE: 02/10/2003

PATENT APPLICATION: US/09/147,405B

TIME: 13:15:33

Input Set : A:\Guss405.app

Output Set: N:\CRF4\02102003\I147405B.raw

1033	530					535				540						
1035	Ser	Lys	Tyr	Asp	Pro	Asn	Lys	Asp	Asp	Tyr	Thr	Thr	Ile	Gln	Gln	Thr
1036	545					550					555					560
1038	Val	Thr	Met	Gln	Thr	Thr	Ile	Asn	Glu	Tyr	Thr	Gly	Glu	Phe	Arg	Thr
1039						565				570						575
1041	Ala	Ser	Tyr	Asp	Asn	Thr	Ile	Ala	Phe	Ser	Thr	Ser	Ser	Gly	Gln	Gly
1042						580				585				590		
1044	Gln	Gly	Asp	Leu	Pro	Pro	Glu	Lys	Thr	Tyr	Lys	Ile	Gly	Asp	Tyr	Val
1045						595				600				605		
1047	Trp	Glu	Asp	Val	Asp	Lys	Asp	Gly	Ile	Gln	Asn	Thr	Asn	Asp	Asn	Glu
1048						610				615				620		
1050	Lys	Pro	Leu	Ser	Asn	Val	Leu	Val	Thr	Leu	Thr	Tyr	Pro	Asp	Gly	Thr
1051	625					630				635						640
1053	Ser	Lys	Ser	Val	Arg	Thr	Asp	Glu	Asp	Gly	Lys	Tyr	Gln	Phe	Asp	Gly
1054						645				650						655
1056	Leu	Lys	Asn	Gly	Leu	Thr	Tyr	Lys	Ile	Thr	Phe	Glu	Thr	Pro	Glu	Gly
1057						660				665				670		
1059	Tyr	Thr	Pro	Thr	Leu	Lys	His	Ser	Gly	Thr	Asn	Pro	Ala	Leu	Asp	Ser
1060						675				680				685		
1062	Glu	Gly	Asn	Ser	Val	Trp	Val	Thr	Ile	Asn	Gly	Gln	Asp	Asp	Met	Thr
1063						690				695				700		
1065	Ile	Asp	Ser	Gly	Phe	Tyr	Gln	Thr	Pro	Lys	Tyr	Ser	Leu	Gly	Asn	Tyr
1066	705					710				715						720
1068	Val	Trp	Tyr	Asp	Thr	Asn	Lys	Asp	Gly	Ile	Gln	Gly	Asp	Asp	Glu	Lys
1069						725				730						735
1071	Gly	Ile	Ser	Gly	Val	Lys	Val	Thr	Leu	Lys	Asp	Glu	Asn	Gly	Asn	Ile
1072						740				745				750		
1074	Ile	Ser	Thr	Thr	Thr	Thr	Asp	Glu	Asn	Gly	Lys	Tyr	Gln	Phe	Asp	Asn
1075						755				760				765		
1077	Leu	Asn	Ser	Gly	Asn	Tyr	Ile	Val	His	Phe	Asp	Lys	Pro	Ser	Gly	Met
1078						770				775				780		
1080	Thr	Gln	Thr	Thr	Thr	Asp	Ser	Gly	Asp	Asp	Asp	Glu	Gln	Asp	Ala	Asp
1081	785					790					795					800
1083	Gly	Glu	Glu	Val	His	Val	Thr	Ile	Thr	Asp	His	Asp	Asp	Phe	Ser	Ile
1084						805				810						815
1086	Asp	Asn	Gly	Tyr	Tyr	Asp	Asp	Glu	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp
1087						820				825				830		
1089	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp
1090						835				840				845		
1092	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp
1093						850				855				860		
1095	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp
1096	865					870				875						880
1098	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp
1099						885				890						895
1101	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp
1102						900				905				910		
1104	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp	Ser	Asp
1105						915				920				925		

RAW SEQUENCE LISTING

DATE: 02/10/2003

PATENT APPLICATION: US/09/147,405B

TIME: 13:15:33

Input Set : A:\Guss405.app

Output Set: N:\CRF4\02102003\I147405B.raw

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1107 Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp
1108      930      935      940
1110 Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp
1111 945      950      955      960
1113 Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp
1114      965      970      975
1116 Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp
1117      980      985      990
1119 Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp
1120      995      1000      1005
1122 Ser Asp Ser Val Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Gly
1123      1010      1015      1020
1125 Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Ser Asp Asn Asp Ser Asp
E--> 1126 (025) 1025      1030      1035      1040
1128 Leu Gly Asn Ser Ser Asp Lys Ser Thr Lys Asp Lys Leu Pro Asp Thr
1129      1045      1050      1055
1131 Gly Ala Asn Glu Asp Tyr Gly Ser Lys Gly Thr Leu Leu Gly Thr Leu
1132      1060      1065      1070
1134 Phe Ala Gly Leu Gly Ala Leu Leu Leu Gly Lys Arg Arg Lys Asn Arg
1135      1075      1080      1085
1137 Lys Asn Lys Asn
1138      1090

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/147,405B

DATE: 02/10/2003
TIME: 13:15:34

Input Set : A:\Guss405.app
Output Set: N:\CRF4\02102003\I147405B.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23
Seq#:1; Line(s) 24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39
Seq#:2; Line(s) 40,41,42,43,44,45,46,47,48,49,50,51
Seq#:3; Line(s) 52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71
Seq#:3; Line(s) 72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90
Seq#:4; Line(s) 91,92,93,94,95,96,97,98,99,100,101,102
Seq#:5; Line(s) 103,104,105,106,107,108,109,110,111,112,113,114
Seq#:6; Line(s) 115,116,117,118,119,120,121,122,123,124,125,126
Seq#:7; Line(s) 127,128,129,130,131,132,133,134,135,136,137,138
Seq#:8; Line(s) 139,140,141,142,143,144,145,146,147,148,149,150
Seq#:9; Line(s) 151,152,153,154,155,156,157,158,159,160,161,162
Seq#:10; Line(s) 163,164,165,166,167,168,169,170,171,172,173,174,175,176
Seq#:10; Line(s) 177,178,179,180,181,182,183,184,185,186,187,188,189,190
Seq#:10; Line(s) 191,192,193,194,195,196,197,198,199,200,201,202,203,204
Seq#:10; Line(s) 205,206,207,208,209,210,211,212,213,214,215,216,217,218
Seq#:10; Line(s) 219,220,221,222,223,224,225,226,227,228,229,230,231,232
Seq#:10; Line(s) 233,234,235,236,237,238,239,240,241,242,243,244,245,246
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Seq#:10; Line(s) 275,276,277,278,279,280,281,282,283,284,285,286,287,288
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Seq#:10; Line(s) 303,304,305,306,307,308,309,310,311,312,313,314,315,316
Seq#:10; Line(s) 317,318,319,320,321,322,323,324
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Seq#:13; Line(s) 583,584,585,586,587,588,589,590,591,592,593,594,595,596

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: **US/09/147,405B**

DATE: 02/10/2003
TIME: 13:15:34

Input Set : **A:\Guss405.app**
Output Set: **N:\CRF4\02102003\I147405B.raw**

Seq#:13; Line(s) 597,598,599,600,601,602,603,604,605,606,607,608,609,610
Seq#:13; Line(s) 611,612,613,614,615,616,617,618,619,620,621,622,623,624
Seq#:13; Line(s) 625,626,627,628,629,630
Seq#:14; Line(s) 631,632,633,634,635,636,637,638,639,640,641,642,643,644
Seq#:14; Line(s) 645,646,647,648,649,650,651,652,653,654,655,656,657,658
Seq#:14; Line(s) 659,660,661,662,663,664,665,666,667,668,669,670,671,672
Seq#:14; Line(s) 673,674,675,676,677,678,679,680,681,682,683,684,685,686
Seq#:14; Line(s) 687,688,689,690,691,692,693,694,695,696,697,698,699,700

VERIFICATION SUMMARY

DATE: 02/10/2003

PATENT APPLICATION: US/09/147,405B

TIME: 13:15:34

Input Set : A:\Guss405.app

Output Set: N:\CRF4\02102003\I147405B.raw

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:1126 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:15